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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yu Yamazaki et al.  
Serial No. : 10/724,872  
Filed : December 2, 2003  
Title : LIGHT EMITTING DEVICE

Art Unit : 2815  
Examiner : Joseph H. Nguyen  
Confirmation No. 1640

**MAIL STOP AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT IN REPLY TO ACTION OF OCTOBER 14, 2005**

Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

these layers, which include an upper substrate 100a, a lower substrate 100b, a liquid crystal layer 100c, a first front polarizer 101, and a second rear polarizer 102, are all passive layers, none of which emits light. Accordingly, nothing in Kim would have led one of ordinary skill in the art to modify the device of Yamazaki to reach the subject matter of claim 1, and the rejection of claim 1 and its dependent claims should be withdrawn.

Similarly to claim 1, claim 8 recites a light emitting device in which light emitting elements arranged over a common substrate emit light in front and back directions. Accordingly, the rejection of claim 8 and its dependent claims should be withdrawn for the reasons noted above with respect to claim 1.

Claims 15-28 have been rejected as being unpatentable over Yamazaki in view of Kim and Yamanaka (U.S. Patent No. 6,304,309). Similarly to claim 1, each of independent claims 15 and 16 recites a light emitting device having first and second light emitting elements that emit light in opposite directions. Accordingly, applicant requests reconsideration and withdrawal of this rejection for the reasons discussed above with respect to claim 1 and because Yamanaka does not remedy the failure of Yamazaki and Kim to describe or suggest this aspect of the claims.


Applicant submits that all claims are in condition for allowance.

Enclosed is a check in the amount of \$790.00 for the Request for Continued Examination fee. Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

11/17/06

  
\_\_\_\_\_  
John F. Hayden  
Reg. No. 37,640

Customer No. 26171  
Fish & Richardson P.C.  
1425 K Street, N.W. - 11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331  
/adt  
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Substitute for Form PTO-875

Application or Docket Number  
10-724,872

(Column 1)	(Column 2)
1	2
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LARGE ENTITY		SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	
BASIC FEE (37 CFR 1.18(a), (b), or (c))			
SEARCH FEE (37 CFR 1.18(k), (l), or (m))			
EXAMINATION FEE (37 CFR 1.18(o), (p), or (q))			
TOTAL CLAIMS (37 CFR 1.18(j))	minus 20 =	*	
INDEPENDENT CLAIMS (37 CFR 1.18(h))	minus 3 =	*	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			

\* If the difference in column 1 is less than zero, enter "0" in column 2

\* If the difference in column 1 is less than zero, enter "0" in column 2

APPLICATION AS AMENDED - PART II

AMENDMENT A		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

1-17-06

AMENDMENT B		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

AMENDMENT C		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

AMENDMENT D		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

AMENDMENT E		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

AMENDMENT F		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

AMENDMENT G		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

AMENDMENT H		(Column 1)	(Column 2)		(Column 3)	SMALL ENTITY		OTHER THAN SMALL ENTITY	
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(f))		*	Minus	**	=				
Independent (37 CFR 1.16(h))		*	Minus	***	=				
Application Size Fee (37 CFR 1.16(s))									
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))									
TOTAL ADD'L FEE									

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 2, enter "0".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "0".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in columns 1-4.

For collection of information concerning this form, see the instructions to the form.

[illegible]

It is important to understand that the  $\alpha$  and  $\beta$  values are not the same as the  $\alpha$  and  $\beta$  values in the  $\alpha$ - $\beta$  model.